

for 312 amendment

Atty. Dkt. No. 034827-0703
Appl. No.: 10/690,282

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions of claims in the application.

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1. (Previously Presented) An oligonucleotide of between 20 to 70 nucleotides in length and having a sequence selected from the group consisting of:

5'-CAA CCT CCA ATC ACT CAC CAA CTG CCG GAG CGG ACA TTA CAA

ACG-3' (SEQ ID NO:4), and

5'-ATA TGA TAA AAC GCC GCA GAC ACA AAA TCC GGT AGT AAC TTG

CTA ACC-3' (SEQ ID NO:5).

2. (Currently Amended) The oligonucleotide of claim 1, wherein said ~~oligonucleotide~~ oligonucleotide is conjugated to a detectable label.

3. (Currently Amended) The oligonucleotide of claim 2, wherein the ~~detectable~~ detectable label is a fluorescent dye.

4. (Original) The oligonucleotide of claim 2, wherein the detectable label is a fluorescent energy transfer dye pair.

5. (Previously Presented) The oligonucleotide of claim 12, wherein the oligonucleotide is 5' [6-carboxy, 4'5'dichloro 2',7' dimethoxy fluresceine (JOE)]-TAG GCA GGT CAT TGG CAA CAG TG-[6-carboxytetramethylrhodamine (TAMRA)]3'.

6. (Previously presented) The oligonucleotide of claim 1, wherein said oligonucleotide is SEQ ID NO:4.

7. (Previously presented) The oligonucleotide of claim 1, wherein said oligonucleotide is SEQ ID NO:5.

8. (Previously Presented) The oligonucleotide of claim 9, wherein said oligonucleotide is SEQ ID NO:6.

9. (Previously Presented) An oligonucleotide having a nucleotide sequence consisting essentially of 5'-TAG GCA GGT CAT TGG CAA CAG TG-3' (SEQ ID NO:6).

10. (Currently Amended) The oligonucleotide of claim 9, wherein said ~~oligonucleotide~~ oligonucleotide is conjugated to a detectable label.

11. (Currently Amended) The oligonucleotide of claim 9, wherein the ~~detectable~~ detectable label is a fluorescent dye.

12. (Previously Presented) The oligonucleotide of claim 9, wherein the detectable label is a fluorescent energy transfer dye pair.